



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Fontana, Jr. et al

Serial No.: 10/054,352

Filed: 01/18/2002

For: HIGH LINEAR DENSITY TUNNEL  
JUNCTION FLUX GUIDE READ HEAD  
WITH IN-STACK LONGITUDINAL  
BIAS STACK (LBS)

Group No.: 2652

Examiner: William Joseph Klimowicz

Docket No. SJO920000114US1

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

AMENDMENT

In response to the Office Action dated 01/30/2004 please amend the application as follows.

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MAR 15 2004

Technology Center 2600

03/12/2004 SHINASS1 00000098 502587 10054352

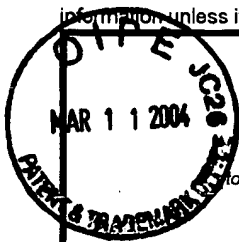
01 FC:1202 108.00 DA  
02 FC:1201 172.00 DA

Please type a plus (+) sign inside this box -

PTO/SB/21 REV 1 (12/97)

Approved for use through 09/30/2000. omb 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/054,352
Filing Date	01/18/2002
First Named Inventor	Fontana Jr. et al
Examiner Name	William Joseph Klimowicz
Group Art Unit	2652
Total Number of Pages in This Submission	18 + postcard
Attorney Docket Number	SJO920000114US1

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Response/Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO Form 1449 <input type="checkbox"/> ( ) cited references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> PTO Form 1533 <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment w/Recordation Sheet <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Drawing Amendment <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Checklist and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <u>POSTCARD</u> _____ _____
<b>Remarks:</b> <div>RECEIVED MAR 15 2004 Technology Center 2600</div>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ervin F. Johnston Reg. No. 20,190
Signature	
Date	March 6, 2004

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, V 22313-1450 on this date: <u>March 6, 2004</u>			
Typed or printed name	Ervin F. Johnston		
Signature		Date	March 6, 2004

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 C.F.R. §§ 1.27 and 1.28**TOTAL AMOUNT OF PAYMENT**(\$)**280.00**

Complete If Known

Application Number

10/054,352

Filing Date

01/18/2002

First Named Inventor

Fontana Jr. et al

Examiner Name

William Joseph Klimowicz

Group / Art Unit

2652

Attorney Docket No.

SJO920000114US1

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

50-2587

Deposit Account Name

Hitachi Global Storage Technologies

- ☒
- Charge Any Additional
- 
- Fee Required Under 37
- 
- CFR 1.16 and 1.17

☐ Charge the Issue Fee Set in  
37 CFR 1.18 at the Mailing  
of the Notice of Allowance.  
37 CFR 1.311(b)

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION**1. **BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 770	201 385	Utility filing fee	
106 340	206 170	Design filing fee	
107 530	207 265	Plant filing fee	
108 770	208 385	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. **EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
39 - 33** = 64	x 18		108.00
Independent Claims	7 - 5** = 2	x 86	172.00
Multiple Dependent Claims	x		

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 290	204 145	Multiple dependent claim	
109 86	209 43	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			280.00

**FEE CALCULATION (continued)**3. **ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	Request for reexamination	
112 920	112 920	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 420	216 210	Extension for response within second month	
117 950	217 475	Extension for response within third month	
118 1,480	218 740	Extension for response within fourth month	
128 2,010	228 1,005	Extension for response within fifth month	
119 330	219 165	Notice of Appeal	
120 330	220 165	Filing a brief in support of an appeal	
121 290	221 145	Request for oral hearing	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,330	241 665	Petition to revive unintentionally abandoned application	
142 1,330	242 665	Utility issue fee (or reissue)	
143 480	243 240	Design issue fee	
144 640	315 320	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
126 180	126 180	Submission of Information Disclosure Stmt	
146 770	246 385	Filing a submission after final rejection (37 CFR 1.129(a))	
179 770	249 385	Request for continued examination (RCE) (37 CFR 1.114)	

Other fee (specify)

Terminal Disclaimer

Other fee (specify)

Application for Patent Term Adjustment

Other fee (specify)

Certificate of Correction

Other fee (specify)

SUBTOTAL (3) (\$)

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\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name

Ervin E. Johnston

Signature

**COMPLETE (if applicable)**

Reg. Number

20,190

Date

March 6, 2004